## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

### (19) World Intellectual Property Organization International Bureau



# 

#### (43) International Publication Date 11 December 2003 (11.12.2003)

#### PCT

## (10) International Publication Number WO 03/103362 A1

(51) International Patent Classification7:

- PCT/IB03/02320 (21) International Application Number:
- (22) International Filing Date:

21 May 2003 (21.05.2003)

(25) Filing Language:

English

H05K 13/02

(26) Publication Language:

**English** 

(30) Priority Data: 02077165.5

3 June 2002 (03.06.2002) EP

- (71) Applicant (for all designated States except US): ASSEM-BLEON N. V. [NL/NL]; Hurksestraat 19, NL-5652 AH Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VROOMANS, Cristianus, A., G. [NL/NL]; c/o Hurksestraat 19, NL-5652 AH Eindhoven (NL). VERMEULEN, Franciscus, L. [NL/NL]; c/o Hurksestraat 19, NL-5652 AH Eindhoven (NL). MOOREN, Joseph, J., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

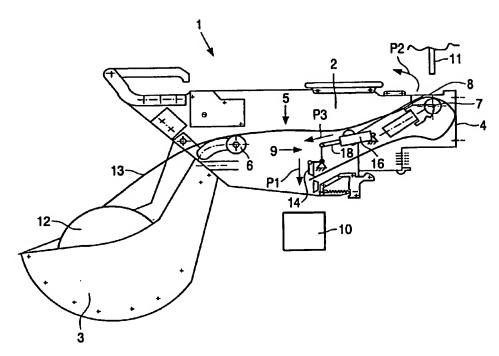
- (74) Agent: BOS, Kornelis, S.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

[Continued on next page]

#### (54) Title: COMPONENT SUPPLYING DEVICE



(57) Abstract: Component supplying device (1) comprising a tape reel holder (3), in which a tape reel (12) can be detachably positioned, and a tape supplying and discharging device (5). The component supplying device furthermore includes a cutting device (9) comprising a knife (14) which can be moved by means of a piston (18) capable of performing a reciprocating movement within a cylinder (16).